

In fact, this rejection was dependent on a figure and its illustration. It has been presented in the last two examinations as that “Figure 2 illustrates --- a solid state laser medium (12), the illustrates a gain region (shaded), --- the figure illustrates the gain region in a narrow region and adjacent to mirror (10).” However, the relevant illustration and conclusion from this figure, which resulted in the rejection, were wrong and imaginary due to misunderstanding.

First, there is no any basis or requirement for “the gain region in a narrow region and adjacent to mirror”, or “a line shape gain region”, as implied by the examiner. And there is no any related contents, description or suggestion in Siebert’s patent specification and claims. Therefore, it is not the case to the cited and relied-upon Siebert patent. In other words, Siebert’s invention should be regardless to any kind shapes and locations of a gain region.

Second, “a line shape gain region and adjacent to mirror” is meaningless in laser physics, particularly to the cited Siebert patent and to the above reissue patent application. That means, a gain region with such a shape and location does not provide any contribution or function to the laser operation, or even to single longitudinal mode laser operation. It is of no effect after all.

As a consequence, therefore, it is not necessary to add a new limitation for restricting the term of “said gain region within a narrow area” and to exclude a line shape gain region in step (4) of claim 10 in the above patent application.

Considering this mistake, correspondingly, the Office Action dated July 15, 2009 should not been made final.

In addition, applicant thought that the subject of matter has been involved some profound laser physics of the above reissue patent application. The related knowledge is very hard to be made clear even for a laser scientist.

Compromise

Applicant is going to follow the examiner's guidance to provide a characterized identity to the thin gain region, so as to solve the issue in the rejection. In fact, this identity has been presented by the step (4) A of claim 1 in the original patent.

On the other hand, applicant is glad to be advised and required by the examiner to submit a supplemental paper of the changes shown by markings for pending claims 10-15, also including the current change to claim 10.

Amendment To Claim 10

Applicant requests that the above application be amended as follows:
In step (4) of claim 10: After "said end mirrors" adding "so as to eliminate or minimize the spatial interference effect".

It means that the sentence in the step (4) of claim 10 now has been changed to --- "creating said gain region within a narrow area along the optical axis of said cavity and immediately adjacent to one of said end mirrors so as to eliminate or minimize the spatial interference effect." ---

Finally, applicant respectfully requests the examiner to remember to allow entering the document of "Amendments to the Specification" resubmitted on January 22, 2008, including the amendment for the TITLE in the printed patent.

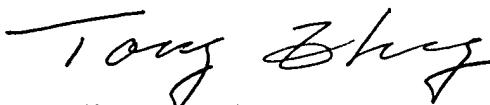
Applicant just returned SLC and tried his best to send this letter without any delay and mistake. He also tried to find the Office Action dated 11-06-2000 and mailed 11-09-2000, but failed. And now he only has his own reply for that.

Please let applicant to submit the following three new documents along with this letter, applicant respectfully requests the examiner to allow entering them.

- 1) Supplemental Oath/Declaration. (1 page)
- 2) An amendment paper of "Changes of Claims Shown by Markings". (5 pages)
Note: In the supplemental paper, claims 11,12, 14 have been reinstalled in compliance with the Office Action. The new amendment for Claim 10 is also included.
- 3) Statement of Status/Support for all Changes to the Claims and Claims 10-15.
(5 pages)

Note: This is the clean version of the set of the pending claims 10 –15 after the current amendment for claim 10.

Respectfully submitted,


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Sir:

In the page 3 of the Final Office Action dated July 15, 2009, it has been mentioned that "In particular claims which have been deleted, it appears that claims 11,12, 14 are deleted."

However, applicant is not able to find a rule or regulation to demand that:
To submit a claim which is not being amended.

Please let applicant lists the following references:

MPEP 1453 Amendments to Reissue Applications [R-3]

II. < THE CLAIMS

37 CFR 1.173(b)(2) relates to the manner of making amendments to the claims in reissue applications. It is not to be used for making amendments to the remainder of the specification or to the drawings. 37 CFR 1.173(b)(2) requires that:

(A) For each claim that is being amended by the amendment being submitted (the current amendment), the entire text of the claim must be presented with markings as defined above;

§ 1.173 Reissue specification, drawings, and amendments.

(2) Claims. An amendment paper must include the entire text of each claim being changed by such amendment paper and of each claim being added by such amendment paper. For any claim changed by the amendment paper, a parenthetical expression "amended," "twice amended," etc., should follow the claim number. Each changed patent claim and each added claim must include markings pursuant to paragraph (d) of this section, except that a patent claim or added claim should be canceled by a statement canceling the claim without presentation of the text of the claim.